# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 1298 | (phosphor near1 (mixture combination blend aggregate conglomeration medley composition)) | EPO; JPO; DERWENT | OR | ON | 2010/06/29 10:11 |
| L2 | 747 | 1 and ("Cl" "F" "Br" chlorine fluorine bromine) | EPO; JPO; DERWENT | OR | ON | 2010/06/29 10:12 |
| L3 | 2 | 2 and (antimonate fluoroantimonate "antimony oxide" "Sb.sub."$1O$1) | EPO; JPO; DERWENT | OR | ON | 2010/06/29 10:13 |
| L4 | 516 | (phosphor near1 (mixture combination blend aggregate conglomeration medley composition).ab.) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 10:15 |
| L5 | 420 | 4 and ("Cl" "F" "Br" chlorine fluorine bromine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 10:16 |
| L6 | 9 | 5 and (antimonate fluoroantimonate "antimony oxide" "Sb.sub."$1O$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 10:16 |
| L7 | 34 | ((GUNDULA) near2 (ROTH)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 10:19 |
| L8 | 38 | ((WALTER) near2 (TEWS)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 10:19 |
| L9 | 0 | (7 8) and (phosphor first second third mixture antimonate titanate alkaline earth metal).clm. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/06/29 10:21 |
| S1 | 40730 | "252".clas. and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 08:30 |
| S2 | 4977 | S1 and (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 08:30 |
| S3 | 2969 | S2 and (("color temperature") "nm" "Eu" "Mn" "Ge") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 08:32 |
| S4 | 2 | S2 and (("fluoroantimonate") ("SbF")) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:02 |
| S5 | 0 | S2 and (antimony with flouri$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:04 |

| S6 | 0 | S2 and (("Be" "Mg" "Ca" "Sr" "Ba" "Ra") with flouri$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:05 |
| S7 | 0 | S2 and ("alkaline earth metal antimonate") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:07 |
| S8 | 7 | ("alkaline earth metal antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:07 |
| S9 | 10761 | ("alkaline earth metal") with ("F" fluoride fluorine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:12 |
| S10 | 3734 | S9 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:13 |
| S11 | 555 | S10 and (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:13 |
| S12 | 0 | S11 and "fluoroantimonate" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:21 |
| S13 | 0 | S11 and "fluoro$antimonate" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:21 |
| S14 | 0 | S11 and "SbF" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:21 |

| S15 | 88 | S11 and ("Sb" "Antimony") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:22 |
| S16 | 0 | S15 and (MgSb2o6 CaSb2O6 Ca2Sb2O7 CasSb2O6F ) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:43 |
| S17 | 8 | MgSb2o6 CaSb2O6 Ca2Sb2O7 CasSb2O6F | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:44 |
| S18 | 0 | S11 and $10Sb$2F | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:50 |
| S19 | 11631 | $10Sb$2F | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:51 |
| S20 | 11315 | S19 and $7Sb$2F | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:52 |

| S21 | 54 | S20 and phosphor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:53 |
|---|---|---|---|---|---|---|
| S22 | 45 | "Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO.sub.4" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:58 |
| S23 | 8 | S22 and phosphor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:58 |
| S24 | 0 | S23 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:58 |
| S25 | 14 | ("20040043625" \| "20040096587" \| "20050233171" \| "3980763" \| "5589284" \| "6013553" \| "6045626" \| "6291866" \| "6436801" \| "6573209" \| "6642539" \| "6645639" \| "6784139" \| "6852160").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 09:59 |
| S26 | 186 | Ca$2Sb$2O$2 Ca$4Mg$4Sb$2O$2F$2 Ca$2Sb$2O$2F$4Cl$4 Ca$4Li$4Sb$2O$2 MgSb$2O$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:09 |
| S27 | 3 | S26 and phosphor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:09 |

| S28 | 30 | S26 and fluorescent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:16 |
|-----|-----|---------------------|------------------------------------------------------------|-----|-----|------------------|
| S29 | 0 | Ca$4Sr$4Sb$4Nb$4O$2 Ca$4Li$4Sb$4Si$4O$2 Ca$4K$4Sb$4Ge$4O$4 Ca$4Mg$4Li$4Sb$4Ti$4O$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:20 |
| S30 | 0 | Ca$6Sr$6Sb$6Nb$6O$2 Ca$6Li$6Sb$6Si$6O$2 Ca$6K$6Sb$6Ge$6O$6 Ca$6Mg$6Li$6Sb$6Ti$6O$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:22 |
| S31 | 0 | Ca$6Eu$6Sb$2O$2 Sr$4Zn$4Sb$2O$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:23 |
| S32 | 13 | Mg$2Sb$2O$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:23 |
| S33 | 4 | S32 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:24 |
| S34 | 1 | "MgSb.sub.2O.sub.6" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:25 |
| S35 | 2 | "CaSb.sub.2O.sub.6" "Ba.sub.2Sb.sub.2O.sub.7" "Ca.sub.2Sb.sub.2O. sub.6F" Ca$4Mg$4Sb.sub.2O.sub.6F "Ca.sub.2Sb.sub.2O.sub.6F"$4O. $4 "SrSb.sub.2O.sub.6" "BaSb.sub.2O.sub.6" "Ca.sub.2Sb. sub.2O.sub.7" "Sr.sub.2Sb.sub.2O.sub.7" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 10:35 |

| S36 | 45 | "Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO.sub.4" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:49 |
|-----|-----|-----|-----|-----|-----|-----|
| S37 | 11 | S36 and (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:53 |
| S38 | 1 | S37 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:53 |
| S39 | 14 | ("20040043625" \| "20040096587" \| "20050233171" \| "3980763" \| "5589284" \| "6013553" \| "6045626" \| "6291866" \| "6436801" \| "6573209" \| "6642539" \| "6645639" \| "6784139" \| "6852160").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 10:57 |
| S40 | 10761 | ("alkaline earth metal") with ("F" fluoride fluorine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 11:07 |
| S41 | 3734 | S40 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:07 |
| S42 | 555 | S41 and (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:07 |
| S43 | 3 | S42 and (("alkaline earth metal") with "F" with ("antimonate" antimony "Sb")) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:07 |
| S44 | 0 | ("301.4").clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:33 |
| S45 | 423 | 252/301.4p | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:37 |
| S46 | 7254 | "Eu" with (mn mg) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:37 |
| S47 | 63 | S45 and "Eu" with (mn mg) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:37 |
| S48 | 45 | S47 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:38 |
| S49 | 5 | S48 and "Ge" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:44 |
| S50 | 0 | S48 and germinate | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:57 |
| S51 | 19 | S46 and ("SiO.sub.4" with "GeO.sub.4") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:59 |

| S52 | 17 | S51 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 11:59 |
|---|---|---|---|---|---|---|
| S53 | 540 | (252/301.4$.ccls. or 252/301.5.ccls. or 252/301.6$.ccls) and ((eu or europium or "eu.sup.2" or "eu.sup.2+" or "eu.sup.+2" or eu1l or Eu?2 or eu2$1) with (mn or manganese or "mn.sup.2" or mnii or mn2$1 or mn?2 or "mn.sup.2+" or "mn.sup.+2")) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:04 |
| S54 | 286 | S53 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:04 |
| S55 | 273 | S54 and ("Na" "K" "Rb" "Cs" "Li") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:05 |
| S56 | 71 | S55 and (white with light) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:07 |
| S57 | 17 | S56 and ("Sb" antimony stibium antimonate) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:10 |
| S58 | 0 | S57 and (("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br")) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:22 |
| S59 | 0 | S55 and (("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br")) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:23 |
| S60 | 1805 | (("Sr" "Ba" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Pr" "Dy" "Tb") with ("Li" "Na" "K" "Rb" "Ca") with "Sb" with "O" with ("F" "Cl" "Br")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 13:24 |
| S61 | 149 | S60 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:24 |
| S62 | 2 | S61 and phosphor | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:25 |
| S63 | 0 | S53 and (M$3M$3Sb$2O$2Br M$3M$3Sb$2O$2Cl M$3M$3Sb$2O$2F) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:37 |
| S64 | 52 | S56 and ("Na" "Li" "K" "Rb" "Ca") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:48 |
| S65 | 71 | S56 and ("Na" "Li" "K" "Rb" "Cs") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:51 |

| S66 | 31 | S56 and ("Na" "Li" "K" "Rb" ) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/16 13:52 |
| S67 | 0 | 313/503.clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:49 |
| S68 | 1700 | 313/503.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:50 |
| S69 | 660 | S68 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:51 |
| S70 | 295 | S69 and phosphor | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:51 |
| S71 | 252 | S70 and ("Eu" "Mn" manganese antimonate titanate germanate aluminate alkaline earth) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:52 |
| S72 | 242 | S71 and (orange color red spectrum band "nm" temperature divalent bivalent) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/04 16:53 |
| S73 | 1700 | 313/503.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 13:49 |
| S74 | 660 | S73 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 13:50 |
| S75 | 330 | S74 and (("Ca" calcium "Sr" strontium "Ba" Barium "Cd" Cadmium "Zn" Zinc "Be" Beryllium "Mg" magnesium "Eu" Europium "Mn" Manganese "Sc" Scandium "y" yttrium "La" lanthanum "Sm" samarium "Pr" praseodymium "Dy" dysprosium "Tb" terbium) with ("Li" lithium "Na" sodium "K" potassium "Rb" rubidium "Cs" cesium)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 13:55 |
| S76 | 0 | S75 and (M$3M$3S$2O$2X$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 13:57 |
| S77 | 1 | S75 and (M$3M$3S$2O$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 13:57 |
| S78 | 51 | S75 and phosphor.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/05 14:01 |
| S79 | 1700 | 313/503.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:02 |
| S80 | 660 | S79 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:02 |

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|---|---|---|---|---|---|---|
| S81 | 330 | S80 and (("Ca" calcium "Sr" strontium "Ba" Barium "Cd" Cadmium "Zn" Zinc "Be" Beryllium "Mg" magnesium "Eu" Europium "Mn" Manganese "Sc" Scandium "y" yttrium "La" lanthanum "Sm" samarium "Pr" praseodymium "Dy" dysprosium "Tb" terbium) with ("Li" lithium "Na" sodium "K" potassium "Rb" rubidium "Cs" cesium)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:02 |
| S82 | 51 | S81 and phosphor.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:02 |
| S83 | 2 | S82 and (antimon$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:02 |
| S84 | 49 | S80 and (antimon$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:08 |
| S85 | 159 | (fluoroantimonate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/06 06:20 |
| S86 | 74 | S85 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:20 |
| S87 | 1046 | (phosphor$s4 luminescen$3 fluorescen$3) and ("UV" ultra$1violet) and (white) and alkaline and metal and antimon$4 and (titanate silicate germanate aluminate titanium silicon germanium aluminum) and ("Eu" europium "Mn" manganese) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/06 06:26 |
| S88 | 514 | S87 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/06 06:26 |
| S89 | 40764 | "252".clas. and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 06:58 |
| S90 | 7 | S89 and ((alkaline near1 earth) with (antimony antimonate "Sb") with nm) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 06:58 |
| S91 | 0 | ("alkaline near1 earth near1 metal near1 antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 07:12 |

| S92 | 10 | (alkaline near1 earth near1 metal near1 antimonate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 07:13 |
| S93 | 1 | "10" and ((alkaline near1 earth near1 metal near1 antimonate) with nm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 07:13 |
| S94 | 182 | (phosphor luminescent fluorescent phosporescent) and @ad<"20021220" and ("Sb.sub.2O.sub.3") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 07:22 |
| S95 | 3 | S89 and ((alkaline near1 earth) with (antimonate "Sb.sub.2O.sub.3")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 07:37 |
| S96 | 2 | ("CaSb.sub.2O.sub.6")("Ca.sub.2Sb.sub.2O.sub.7")("CaSb.sub.2O. sub.6")("SrSb.sub.2O.sub.6")("Ba.sub.2Sb.sub.2O.sub.7")("Ca.sub.2Sb. sub.2O.sub.6F")("Ca.sub.1.5Mg.sub.0.5Sb.sub.2O.sub.6F")("Ca.sub.2Sb. sub.2O.sub.6F.sub.0.5Cl.sub.0.5") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:28 |
| S97 | 4 | "3925239".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:36 |
| S98 | 1 | "3925239".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 08:36 |

| S99 | 11 | (europium with silicate with germanate) and nm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:40 |
| S100 | 8 | (europium with silicate with germanate) and (color near1 render$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:48 |
| S101 | 0 | (europium with silc$4 with german$4) and (color near1 render$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:51 |
| S102 | 268 | (manganese with (antimonate "Sb.sub.2O.sub.3")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 08:53 |
| S103 | 95 | S102 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 08:54 |
| S104 | 0 | S103 and ((color near1 render$3) "CRI") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 08:55 |
| S105 | 32 | S103 and ((wave$1length) (nm)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 08:55 |
| S106 | 11748 | (("Be" "Mg" "Ca" "Sr" "Ba" "Ra") (Beryllium Magnesium Calcium Strontium Barium Radium)) with ((antimonate "Sb.sub.2O.sub.3") (antimony with oxide)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 09:37 |
| S107 | 6420 | S106 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 09:38 |

| S108 | 877 | S107 and (phosphor luminescent fluorescent phosporescent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:38 |
|------|-----|-----|-----|-----|-----|-----|
| S109 | 475 | S108 and (wave$1length nm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:39 |
| S110 | 405 | S109 and nm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:39 |
| S111 | 205 | S110 and (wave$1length with nm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:40 |
| S112 | 23 | S111 and "252".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:45 |
| S113 | 912 | (("Be" "Mg" "Ca" "Sr" "Ba" "Ra") (Beryllium Magnesium Calcium Strontium Barium Radium)) with (antimonate "Sb.sub.2O.sub.3") | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 09:50 |
| S114 | 328 | S113 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 09:50 |
| S115 | 44 | S114 and (phosphor luminescent fluorescent phosporescent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:50 |

| S116 | 34 | S115 and nm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 09:53 |
|------|-----|-------------|------|------|------|------|
| S117 | 44 | S114 and (phosphor luminescent fluorescent phosphorescent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 10:07 |
| S118 | 37 | S117 and "red" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/02 10:08 |
| S119 | 107 | S114 and (antimony near1 trioxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/02 10:12 |
| S120 | 2148 | (phosphor luminescent fluorescent phosporescent) and @ad<"20021220" and ("CRI" (color near1 render$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:45 |
| S121 | 1053 | S120 and ("UV" (ultra$1violet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:46 |
| S122 | 45 | S121 and ((("CRI") (color$1render$3)) with ("90" "91" "92" "93" "94" "95" "96" "97" "98" "99")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:47 |

| S123 | 10 | (alkaline near1 earth near1 metal near1 antimonate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:50 |
|------|-----|---|---|---|---|---|
| S124 | 1 | S123 and "CRI" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:50 |
| S125 | 31403 | "257".clas. and (("LED") (light$1emitt$3 near1 diode)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 11:55 |
| S126 | 12946 | S125 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 11:55 |
| S127 | 38 | S126 and (("CRI") (color$1render$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 11:56 |
| S128 | 0 | S127 and (light$1guid$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 12:48 |
| S129 | 1919 | (LED and (light$1guid$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 12:49 |
| S130 | 764 | S129 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 12:49 |
| S131 | 228 | S130 and ("UV" (ultra$1violet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 12:49 |

| S132 | 3 | S131 and (phosphor with planar) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:31 |
| S133 | 2375 | (phosphor with (planar smooth$3 flatten$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 13:33 |
| S134 | 896 | S133 and @ad<"20011220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 13:34 |
| S135 | 87 | S134 and LED | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 13:38 |
| S136 | 18 | S135 and (phosphor with (thin near1 film)) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 13:48 |
| S137 | 1 | "6734465".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 14:22 |
| S138 | 492 | LED and (phosphor with (thin near1 film)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:07 |
| S139 | 148 | S138 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 15:07 |
| S140 | 2 | S131 and pelka.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 15:54 |

| S141 | 0 | S135 and duffal.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:02 |
|------|---|---------------------|----------------------------------------------------------|----|----|------------------|
| S142 | 1 | S135 and duggal.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:02 |
| S143 | 14 | ("3925239" "6734465" "20030085642" "20040169181" "6700322").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/09 16:16 |
| S144 | 5 | ("3925239" "6734465" "20030085642" "20040169181" "6700322").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 16:16 |
| S145 | 115 | ((alkaline near1 earth) with (antimonate "Sb.sub.2O.sub.3")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/10 08:57 |
| S146 | 6 | ("3278318" \| "4455384" \| "5334559" \| "6376399" \| "6911160").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/10 09:03 |
| S147 | 568813 | (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:50 |
| S148 | 269 | S147 and (("fluoro$1antimonate") ("SbF")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:50 |

| S149 | 232 | S148 and light | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:51 |
|------|-----|----------------|----------------------------------------|----|----|-------------------|
| S150 | 89 | S149 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 14:52 |
| S151 | 140 | S149 not S150 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 14:59 |
| S152 | 650 | S147 and antimonate | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:04 |
| S153 | 484 | S152 and ((alkaline near1 earth) (fluorine fluoro$7)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:05 |
| S154 | 3 | S152 and ((alkaline near1 earth) with antimonate) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:06 |
| S155 | 1859 | S147 and (manganese with (aluminate titanate silicate antimonate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:09 |
| S156 | 812 | S155 and (manganese with activat$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:10 |
| S157 | 707 | S156 and light | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:10 |
| S158 | 548 | S157 and ((light near1 emit$4)(luminescent)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:11 |
| S159 | 550 | S147 and ((manganese near1 activat$3) with (aluminate titanate silicate antimonate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:12 |
| S160 | 248 | S159 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:12 |
| S161 | 107 | S147 and ((manganese near1 activat$3) with (aluminate titanate (silicate$1germanate) antimonate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:17 |
| S162 | 55 | S161 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 15:17 |

| S163 | 0 | (Ba$1Na$1Sb$1O$1F) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:44 |
|------|---|--------------------|---------------------------------------------------------|----|-----|-------------------|
| S164 | 0 | (Ba$1Li$1Sb$1O$1F) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:45 |
| S165 | 0 | (Ba$1Li$1Sb$1O$1Cl) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:45 |
| S166 | 0 | (Ba$1Na$1Sb$1O$1Cl) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:45 |
| S167 | 4536 | ("antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:48 |
| S168 | 4466 | S167 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:51 |

| S169 | 3645 | S168 and (fluorine chlorine "Cl" "F") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 07:52 |
|------|------|---------------------------------------|----------------------------------------------------------|----|----|------------------|
| S170 | 1345 | S169 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 07:52 |
| S171 | 26 | S170 and phosphor | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 07:55 |
| S172 | 182 | S169 and phosphor | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 07:56 |
| S173 | 3680 | S167 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 07:56 |
| S174 | 3087 | S173 and (fluorine chlorine "Cl" "F") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 07:57 |
| S175 | 159 | S174 and phosphor | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 07:57 |
| S176 | 4536 | ("antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:02 |
| S177 | 3680 | S176 and (lithium "Li" sodium "Na" potassium "K" rubidium "Rb" cesium "Cs") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 08:02 |

| S178 | 3087 | S177 and (fluorine chlorine "Cl" "F") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 08:02 |
|------|------|------|------|------|------|------|
| S179 | 159 | S178 and phosphor | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:02 |
| S180 | 19 | S179 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 08:02 |
| S181 | 1546 | S178 and (luminescen$3 fluorescen$4 phosphor$5 (light$1emit$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:06 |
| S182 | 744 | S181 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 08:07 |
| S183 | 725 | S182 not S180 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 08:07 |
| S184 | 38 | S183 and (((luminescen$3 fluorescen$4 phosphor$5 (light$1emit$3)). ab.) ((luminescen$3 fluorescen$4 phosphor$5 (light$1emit$3)).ti.)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:10 |
| S185 | 768 | S181 not phosphorus | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:13 |
| S186 | 750 | S185 not S180 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:13 |
| S187 | 316 | S186 and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 08:13 |
| S188 | 546 | (Sb$1O$1F) (Sb$1O$1Cl) (Sb$1O$1X) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 08:22 |
| S189 | 78 | S188 and (luminescen$3 fluorescen$4 phosphor$5 (light$1emit$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/11 08:23 |
| S190 | 81 | S188 and (luminescen$3 fluorescen$4 phosphor$5 (light$1emit$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 08:23 |

| S191 | 32 | S190 not phosphorus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 08:24 |
|------|----|---------------------|----------|-----|-----|----------|
| S192 | 2 | ((Ba$1Sb$1O$1) (Ca$1Sb$1O$1) (Sr$1Sb$1O$1) (Be$1Sb$1O$1) (Mn $1Sb$1O$1)) with (phosphor luminescent fluorescent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 09:07 |
| S193 | 2 | ((Ba$1Sb$1O$1) (Ca$1Sb$1O$1) (Sr$1Sb$1O$1) (Be$1Sb$1O$1) (Mn $1Sb$1O$1)) with (phosphor luminescent fluorescent (light$1emit$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 09:18 |
| S194 | 4 | ((Ba$1Sb$1O$1)((Barium Calcium Strontium Beryllium Manganese) near1 antimonate) (Ca$1Sb$1O$1) (Sr$1Sb$1O$1) (Be$1Sb$1O$1) (Mn $1Sb$1O$1)) with (phosphor luminescent fluorescent (light$1emit$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/11 09:24 |
| S195 | 10 | (alkaline near1 earth near1 metal near1 antimonate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 14:33 |
| S196 | 3 | S195 and "red" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 14:33 |

| S197 | 0 | ("calcium fluoro$1antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 15:26 |
| S198 | 4 | ("calcium fluoroantimonate") ("calcium metantimonate") ("calcium pyroantimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 15:27 |
| S199 | 4 | ( calcium near1 fluoro$1antimonate) (calcium near1 met$1antimonate) (calcium near1 pyro$1antimonate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 15:31 |
| S200 | 0 | S199 not S198 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 15:31 |
| S201 | 0 | ("2007/0035813").URPN. | USPAT | OR | ON | 2009/03/11 15:32 |
| S202 | 12 | ( calcium with (fluoro$1antimonate met$1antimonate pyro$1antimonate)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 15:34 |
| S203 | 18 | "2755254" "20020195938" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 16:31 |
| S204 | 3 | ("2755254" "20020195938").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 16:31 |
| S205 | 2 | "63101476".pn. | EPO; JPO; DERWENT | OR | ON | 2009/03/11 16:32 |

| S206 | 30 | ((roth).in. with gundula) ((tews).in. with walter) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 16:43 |
| S207 | 1 | S206 and (alkaline earth metal antimonate red wavelength "600" "670") | US-PGPUB; USPAT; USOCR | AND | ON | 2009/03/11 16:44 |
| S208 | 1 | "63101476".pn. | JPO | OR | ON | 2009/03/12 05:54 |
| S209 | 7 | ("alkaline earth metal antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/23 07:49 |
| S210 | 1 | (S209 and "red") | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 07:49 |
| S211 | 40788 | "252".clas. and @ad<"20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 07:54 |
| S212 | 4987 | S211 and (phosphor fluorescent luminescent) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 07:54 |
| S213 | 29 | S212 and ("red" with manganese with (titanate silicate aluminate germanate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/23 07:54 |
| S214 | 0 | ("2007/0035813").URPN. | USPAT | OR | ON | 2009/03/23 08:02 |
| S215 | 2 | ("alkaline earth metal antimonate") and (manganese with (antimonate silicate germanate aluminate)) and (europium with (silicate germanate)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:10 |
| S216 | 7 | ("alkaline earth metal antimonate") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:12 |

| S217 | 5 | S216 not S215 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:12 |
|------|------|------|------|------|------|------|
| S218 | 7196 | (manganese with (antimonate silicate germanate aluminate)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:13 |
| S219 | 345 | (manganese with (antimonate silicate germanate aluminate)) and (europium with (silicate germanate)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:13 |
| S220 | 350 | (S217 S219) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:13 |
| S221 | 0 | (S217 and S219) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 12:14 |
| S222 | 7 | ("20030038295" \| "20030227023" \| "20040135504" \| "6577073" \| "6639360" \| "7005667" \| "7005679").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 12:29 |
| S223 | 5 | ("20020105266" \| "6069440" \| "6252254" \| "6351069" \| "6680568").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 12:41 |
| S224 | 95 | S220 and (phosphor near5 (mixture blend)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:06 |
| S225 | 6 | ("20020063301" \| "20020140352" \| "20030075705" \| "5227254" \| "6096243" \| "7294956").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:11 |

| S226 | 141 | S220 not S224 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:25 |
| S227 | 3 | S220 and (silicate near1 germanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:34 |
| S228 | 1 | S227 and (phosphor near3 (blend mixture)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:36 |
| S229 | 1 | S224 and (silicate near1 germanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:36 |
| S230 | 14 | S218 and (silicate near1 germanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:37 |
| S231 | 6 | S230 and (phosphor near5 (mixture blend)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 13:37 |
| S232 | 52 | (phosphor).ab. and (silicate near1 germanate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/26 13:43 |
| S233 | 1 | ("alkaline earth metal antimonate") and ((manganese near1 activated) ":Mn") and (antimonate titanate "silicate-germanate" aluminate) and ((europium near1 activated) ":Eu") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:42 |
| S234 | 2771 | ((manganese near1 activated) ":Mn") and (antimonate titanate "silicate-germanate" aluminate) and ((europium near1 activated) ":Eu") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:43 |
| S235 | 14 | S234 and (silicate$1germanate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:43 |

| S236 | 10 | S235 and "earth metal" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:44 |
| S237 | 1 | S236 and antimonate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:45 |
| S238 | 161 | S234 and antimonate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:46 |
| S239 | 57 | S238 and "earth metal" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:46 |
| S240 | 7 | S239 and phosphor.ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:48 |
| S241 | 842 | S234 and ((mixture combination mixed combined combining) with phosphors) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/03 07:52 |

| S242 | 0 | "252".clas. and ("CaSb.sub.2O.sub.6" "Ca.sub.2Sb.sub.2O.sub.7" "(Ca, Sr)Sb.sub.2O.sub.6" "(Ca,Sr,Ba).sub.2Sb.sub.2O.sub.7" "Ca.sub.2Sb. sub.2O.sub.6F" "Ca.sub."$2"Mg"$3"Sb.sub.2F" "Ca.sub.2Sb.sub.2O. sub.6F.sub."$3O$3 "MgSb.sub.2O.sub.6" "Sr"$3"Zn"$3"Sb.sub.2O. sub.7") and ("CaSb.sub.2O.sub.6" "Mg.sub.2Sb.sub.2O.sub.7" "Mg"$3"Li"$3S"Sb.sub.2O.sub.6" "(Ca,Sr)Sb.sub.2O.sub.7" "CaSb. sub.2O.sub.6F" "(Ca,Sr)Sb"$3"Ge"$3"O.sub.7" ) "Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO.sub.4" "Sr"$3"Li"$3"TiO. sub.4") ("MgAl.sub.2O.sub.4" "CaAl.sub.12O.sub.19" "SrAl.sub.12O. sub.19" "MgAl.sub.12O.sub.19" "BeAl.sub.12O.sub.19" "SrAl.sub.2O. sub.4" "Mg.sub.2Al.sub.10O.sub.17" "SrMgAl.sub.10O.sub.17" "Sr. sub.2MgAl.sub.16O.sub.27")) and (("Ca"$3"Sr"$3"Ba"$4"Zn"$4"Si"$3"Ge"$3"O.sub.4") ("Ca"$3"Sr"$3"Ba"$4"Mg"$3"Zn"$4"Si"$3"Ge"$3"O.sub.4") ("Ca" near3 "Sr" near3 "Zn" near4 "Si" near4 "Ge" near4 "O.sub.4")) and (("Sr" near3 "Ba" near3 "P" near3 "O") ("SrBaP.sub.2O.sub.7" "Sr.sub.4Si. sub.3O.sub.8Cl.sub.4" "BaZrO.sub.3" "Ca.sub.3(PO.sub.4).sub.2CaCl. sub.2" "(Ba,Ca,Mg).sub.10(PO.sub.4).sub.6Cl.sub.2" "(Sr,Ba)Al.sub.2si. sub.2O.sub.8")) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/03 09:03 |
|------|---|---|---|---|---|---|
| S243 | 1 | ("CaSb.sub.2O.sub.6" "Ca.sub.2Sb.sub.2O.sub.7" "(Ca,Sr)Sb.sub.2O. sub.6" "(Ca,Sr,Ba).sub.2Sb.sub.2O.sub.7" "Ca.sub.2Sb.sub.2O.sub.6F" "Ca.sub.2Sb.sub.2O.sub.6F.sub" "MgSb.sub.2O.sub.6" ) and (("CaSb. sub.2O.sub.6" "Mg.sub.2Sb.sub.2O.sub.7" "(Ca,Sr)Sb.sub.2O.sub.7" "CaSb.sub.2O.sub.6F") ("Mg.sub.2TiO.sub.4" "MgZnTiO.sub.4" "MgBeTiO.sub.4" "CaMgTiO.sub.4") ("MgAl.sub.2O.sub.4" "CaAl. sub.12O.sub.19" "SrAl.sub.12O.sub.19" "MgAl.sub.12O.sub.19" "BeAl. sub.12O.sub.19" "SrAl.sub.2O.sub.4" "Mg.sub.2Al.sub.10O.sub.17" "SrMgAl.sub.10O.sub.17" "Sr.sub.2MgAl.sub.16O.sub.27")) and ("SrBaP. sub.2O.sub.7" "Sr.sub.4Si.sub.3O.sub.8Cl.sub.4" "BaZrO.sub.3" "Ca. sub.3(PO.sub.4).sub.2CaCl.sub.2" "(Ba,Ca,Mg).sub.10(PO.sub.4). sub.6Cl.sub.2" "(Sr,Ba)Al.sub.2si.sub.2O.sub.8") | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/03 09:27 |
| S244 | 0 | ("Ca" "Ba" "Sr" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Gd" "Ce" "Pr" "Dy" "Tb") near2 ("Li" "Na" "K" "Rb" "Cs" ) near2 ("Sb") near2 "O" near2 ("F" "Cl" "Br") | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/03 09:55 |
| S245 | 4 | ("Ca" "Ba" "Sr" "Cd" "Zn" "Be" "Mg" "Eu" "Mn" "Sc" "Y" "La" "Sm" "Gd" "Ce" "Pr" "Dy" "Tb") near3 ("Li" "Na" "K" "Rb" "Cs" ) near3 ("Sb") near3 "O" near3 ("F" "Cl" "Br") | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/03 09:56 |
| S246 | 40826 | "252".clas. and @ad< "20021220" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:36 |
| S247 | 861 | S246 and (mixture with phosphor) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:36 |

| S248 | 5 | S247 and (antimonate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:51 |
|------|------|------|------|------|------|------|
| S249 | 156 | S246 and (antimonate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:51 |
| S250 | 69 | S249 and (borate silicate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:52 |
| S251 | 47 | S250 and phosphate | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/27 10:52 |
| S252 | 114488 | "252".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 06:58 |
| S253 | 23302 | S252 and phosphor$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 06:58 |
| S254 | 1640 | S253 and (phosphor near1 (mixture combination blend aggregate conglomeration medley composition)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:00 |
| S255 | 2537 | S253 and (phosphor$5 near1 (mixture combination blend aggregate conglomeration medley composition)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:01 |
| S256 | 785 | S255 and (antimonate silicate germanate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:01 |
| S257 | 586 | S256 and (Europium Manganese Eu$2 Mn$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:02 |
| S258 | 709 | S256 and ("Cl" "F" "Br" chlorine fluorine bromine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:04 |
| S259 | 536 | S257 and ("Cl" "F" "Br" chlorine fluorine bromine) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 07:04 |
| S260 | 0 | S257 and ((("Mg" "Ca" "Sr" "Ba") with (anti$1monate)) ("MgSb.sub.2o.sub.6" "CaSb.sub.2O.sub.6" "Ca.sub.2Sb.sub.2O.sub.7" "Ca.sub.2Sb.sub.2O.sub.6F")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:22 |
| S261 | 0 | S257 and ((("Mg" "Ca" "Sr" "Ba") with (anti$1monate)) ("MgSb.sub.2o.sub.6" "CaSb.sub.2O.sub.6" "CaSb.sub.2O.sub.7" "CaSb.sub.2O.sub.6F")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:23 |
| S262 | 0 | S257 and (("Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (anti $1monate)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:24 |
| S264 | 0 | S255 and (("Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (anti $1monate)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:24 |
| S265 | 0 | S255 and (("Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (antimonate)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:25 |

| S266 | 4 | S252 and (("Mg" "Ca" "Sr" "Ba" "alkaline earth metal") with (antimonate)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:25 |
| S267 | 2679 | S252 and (("Mg" manganese "Ca" calcium "Sr" strontium "Ba" barium "alkaline earth metal") with (antimonate fluoro$1antimonate antimony "Sb")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:27 |
| S268 | 206 | S255 and (("Mg" manganese "Ca" calcium "Sr" strontium "Ba" barium "alkaline earth metal") with (antimonate fluoro$1antimonate antimony "Sb")) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 07:27 |
| S269 | 88 | S267 and (antimonate) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/29 08:09 |
| S270 | 304 | S253 and (phosphor$5 near1 (mixture combination blend aggregate conglomeration medley composition).ab.) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 08:24 |
| S271 | 276 | S270 not (S269 S268 S266) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 08:25 |
| S272 | 1 | "5424006".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/29 08:54 |

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